Abstract

The present invention relates to a method for transmitting packets comprising a synchronization part (sync') and a payload part (dat1, dat2), wherein the transmission format comprises a shortened synchronization part (sync') and the payload part is split into a first data sequence (dat1), encoded in the first encoding, followed by the second data sequence (dat2), encoded in the second encoding, comprising the steps of encoding and sending the first data sequence (dat1) in the first encoding, encoding and sending the second data sequence (dat2) in the second encoding, on the sender side and receiving and decoding the first data sequence (dat1) in the first encoding, detecting the end of the first data sequence and adapting the receiver's decoder, receiving and decoding the second data sequence (dat2) in the second encoding on the receiver side. The invention further relates to a sender, a receiver, an optical network element, and a serialized packet format.